

Sub E3
D2

33 (amended). An isolated nucleic acid comprising the nucleotide sequence of a complementary DNA which hybridizes under high stringency conditions to the complement of a second nucleic acid encoding the amino acid sequence set forth in SEQ ID NO:11, wherein said high stringency conditions comprise hybridizing in 5X Denhardt's solution, 5X SSPE and 0.2% sodium dodecylsulfate at 42°C, followed by washing in 0.1X SSPE and 0.1% Sodium dodecylsulfate at 65°C.

34 (amended). An isolated nucleic acid comprising the nucleotide sequence of a complementary DNA that hybridizes under high stringency conditions to the complement of a second nucleic acid consisting of the nucleotide sequence set forth in SEQ ID NO:1 that encodes amino acids 24 to 126 of SEQ ID NO:2 and that hybridizes under high stringency conditions to the complement of a third nucleic acid consisting of the nucleotide sequence set forth in SEQ ID NO:1 that encodes amino acids 1069 to 1185 of SEQ ID NO:2, wherein said high stringency conditions comprise hybridizing in 5X Denhardt's solution, 5X SSPE and 0.2% sodium dodecylsulfate at 42°C, followed by washing in 0.1X SSPE and 0.1% Sodium dodecylsulfate at 65°C.

Sub E3
D3

35 (amended). An isolated nucleic acid comprising the nucleotide sequence of a complementary DNA which hybridizes under high stringency conditions to the complement of a second nucleic acid consisting of the nucleotide sequence set forth in SEQ ID NO:7 or SEQ ID NO:8, wherein said high stringency conditions comprise hybridizing in 5X Denhardt's solution, 5X SSPE and 0.2% sodium dodecylsulfate at 42°C, followed by washing in 0.1X SSPE and 0.1% Sodium dodecylsulfate at 65°C.

Sub E4
D4

38 (amended). An isolated nucleic acid comprising the nucleotide sequence of a complementary DNA which encodes a polypeptide comprising at least one of the amino acid sequences selected from the group consisting of: amino acids 1-23, 24-126, 127-225, 226-316, 317-409, 410-506, 507-603, 604-697, 698-792, 793-887, 888-983, 984-1067, 1068-1185, 1186-1281, 1282-1375, 1376-1471, 1472-1594, 1595-1616, and 1617-1910 of SEQ ID NO:2.